

CLAIMS

1. A fluid product distributing head to be mounted on an opening of a tank of fluid product, said head comprising:

5 - a distribution valve (16, 21, 22) displaceable elastically between a closed position, wherein the fluid product cannot flow from the tank through the head, and an open position, wherein the fluid product can flow from the tank through the head, and

10 - a manually actuatable control element (25) for leading the distribution valve from its closed position to the open position, at least one element making up the head being made by jointly moulding two different plastic materials,

15 characterised in that it comprises a base (1) and a cap (2), the base forming a first part (16) of the valve, the cap forming a second part (21,22) of the valve to cooperate with the first part to form together said distribution valve.

2. The fluid product distributing head as claimed in  
20 Claim 1, wherein the valve and the control element are made monobloc by moulding of a plastic material.

3. The fluid product distributing head as claimed in  
Claim 2, wherein the valve and the control element are made by  
25 successive moulding of at least two different plastic materials in the same mould.

4. The fluid product distributing head as claimed in any  
one of the preceding claims, wherein the cap is connected to  
30 the base by articulation (112).

5. The fluid product distributing head as claimed in any  
one of the preceding claims, wherein the cap (2) is connected

to the base (1) and can be moved relative to the base (1) between an initial moulding position and a final installation position, wherein the cap is mounted tightly on the base.

5       6. The fluid product distributing head as claimed in any one of the preceding claims, wherein the first and second parts of the valve are clamped in the final mounting position, whereas they are separated from one another in the initial moulding position.

10

7. The fluid product distributing head as claimed in any one of the preceding claims, wherein the first part formed by the base comprises a deformable annular seat (16), and the second part formed by the cap comprises an annular mobile element (21) to come into close contact on said seat in the closed position.

15       8. The fluid product distributing head as claimed in Claim 7, wherein the deformable annular seat is formed by an elastically deformable annular lip (16).

20       9. The fluid product distributing head as claimed in Claim 8, wherein the lip is made from an elastomer plastic material, the lip being connected by co-moulding to a rigid sleeve (15) made from a harder plastic material.

25       10. The fluid product distributing head as claimed in any one of Claims 7 to 9, wherein the mobile annular element comprises a rigid socket (21) comprising an annular free end (211) supposed to come into close contact with the seat (16) in the closed position and means for forming a flow passage (22) to come into non-watertight contact with the seat (16) in the open position.

11. The fluid product distributing head as claimed in Claim 10, wherein the means for forming a flow passage comprise longitudinal fins (22) formed on an external wall of the socket above the free annular end (211).

5

12. The fluid product distributing head as claimed in any one of the preceding claims, wherein the cap (2) forms the control element (25).

10       13. The fluid product distributing head as claimed in Claim 12, wherein the control element of the cap comprises a mobile support surface (25), the second part (21, 22) being integral in displacement with the support surface (25), the cap further comprising a rigid external crown in close contact  
15       with the base (1) in the final mounting position, said crown (23) being connected to the support surface (25) and to the second part (21, 22) by an elastically deformable membrane (26).

20       14. The fluid product distributing head as claimed in Claim 13, wherein the membrane is made of an elastomer plastic material, the membrane being connected by co-moulding on the one hand to the crown and on the other hand to the support surface and to the second part, the crown, with the support surface and the second part being made of a harder plastic material.  
25

30       15. The fluid product distributing head as claimed in any one of the preceding claims, comprising an entry space (10) separate from an exit space (18) by said valve, said exit space extending concentrically around the inlet space.

16. The fluid product distributing head as claimed in Claim 15, wherein the base (1) forms a distribution opening (12) communicating upstream with the exit space (18).

5 17. The fluid product distributing head as claimed in Claim 16, wherein the base (1) forms a hole for admission of air (13) communicating with the exit space (18).

10 18. Use of a fluid product distributing head as claimed in Claim 14 in the sloped position with the distribution opening (12) turned downwards and the hole for admission of air (13) turned upwards, the fluid product coming from the tank reaching the head via gravity.